

**Environmental Management (EM)
Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
August 2020**

In July 2020, the EM Nevada Program remained in Phase 2 of its Operations Remobilization Plan with a continued focus on the deliberate and gradual execution of Phase 2 protocols. The Remobilization Plan aligns with the President's *Reopening America Again* and U.S. Department of Energy's (DOE's) *Return to the Federal Workplace Framework* plans in full coordination with site partners at the National Nuclear Security Administration/Nevada Field Office (NNSA/NFO). Limited travel has commenced under Phase 2, primarily for Radioactive Waste Acceptance Program (RWAP) facility evaluations and oversight, and is being considered and approved on a case-by-case basis. In an abundance of caution, EM Nevada Program has opted to transition all Program-hosted public events to a virtual format through at least September 30, 2020.

External Affairs

- NSSAB:
 - Hosted NSSAB full board meeting via virtual meeting – July 15, 2020
- Events/Stakeholders Meetings:
 - Hosted EM Nevada Program Intergovernmental Meeting via virtual meeting (NSSAB leadership attended) – July 15, 2020
 - Provided an update briefing on EM Nevada Program activities at the Nevada National Security Site (NNSS) during the Community Environmental Monitoring Program (CEMP) workshop via virtual meeting (NSSAB members attended) – July 21, 2020
- Publications:
 - Ongoing social media campaign
 - Published *How EM Nevada's Route Monitoring Ensures Safety of Waste Shipments* article via DOE/EM Update Newsletter on July 21, 2020 and NNSS News on July 22, 2020
https://content.govdelivery.com/accounts/USDOEOEM/bulletins/295dc7c#link_7
- NNSS tours:
 - None conducted in the month of July 2020
- Planned activities for August 2020:
 - Host Low-level Waste Stakeholders Forum via virtual meeting (invite only) – August 5, 2020
 - Host DOE Office of Legacy Management (LM) staff tour of the Tonopah Test Range (TTR) – August 11-12, 2020

Waste Disposal and Transportation

- The Waste Volume and Transportation Reports for fiscal year 2020 – 3rd Quarter (April – June 2020) are available online: <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- Update from previous reports – Y-12 National Security Complex (Y-12), Oak Ridge, TN generator: The EM Nevada Program continues to coordinate with DOE Headquarters and the NNSA on items related to the Y-12 waste event from July 2019. In late September/October 2020 timeframe, the RWAP will conduct a facility evaluation of critical program elements and verification of implementation of corrective actions. The NNSA Production Office will perform an assessment prior to the RWAP facility evaluation, which may

occur in August 2020. Y-12 cannot ship waste to the NNSS until it satisfactorily undergoes a RWAP facility evaluation. (please see April – May 2019, July 2019 – April 2020 NSSAB Monthly Reports for more information)

- In July 2020, RWAP conducted two facility evaluations:
 - Idaho Falls, ID generator: The on-site facility evaluation resulted in no Findings.
 - West Valley, NY generator: The tabletop facility evaluation resulted in no Findings.
- In August 2020, the RWAP will conduct three tabletop facility evaluations.
- In August 2020, approximately 40,127 cubic feet of low-level waste (LLW), mixed LLW (MLLW), and classified waste forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

An article on the Nye County Tritium Sampling and Monitoring Program (TSaMP) is available online: <https://pvtimes.com/news/nye-county-sampling-program-shows-tritium-levels-still-undetectable-87888/>

Corrective Action Unit (CAU) 97, Yucca Flat/Climax Mine

The Closure Report was submitted to NDEP for review in June 2020; NDEP's review anticipated to be complete in August 2020. Groundwater sampling in Yucca Flat completed in July 2020.

CAU 101/102, Pahute Mesa

In August 2020, the Geochemistry Report will be submitted to NDEP for review. The Pahute Mesa Hydrologic Data Document continued internal review in July 2020. NDEP's review of the Update to the Corrective Action Investigation Plan completed in July 2020; comment responses and revisions to the document were completed and will be submitted to NDEP in August 2020.

Industrial Sites

CAU 577, Area 5 Chromium Contaminated Waste Disposal Cells

CAU 577 comprises five Corrective Action Sites (CASS) located at the Area 5 Radioactive Waste Management Complex. In July 2020, a revised draft Corrective Action Decision Document/Corrective Action Plan (CADD/CAP) was submitted to NDEP and comments were received. Comment resolution and work on the final CADD/CAP will continue in August 2020.

Post-Closure Monitoring

Non-Resource Conservation and Recovery Act (RCRA) Post-Closure Monitoring Sites

The Non-RCRA Post-Closure Monitoring Sites include CASS where post-closure inspections and maintenance performed in accordance with closure requirements. Maintenance identified during the December 2019 annual inspections will continue throughout the calendar year.

RCRA Post-Closure Monitoring Sites

The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance performed in accordance with the RCRA Permit and closure requirements. Quarterly inspections were conducted in June 2020; repairs identified during the quarterly inspections were performed in July 2020. Irrigation and monthly monitoring were conducted at CAU 111 revegetation test plots in July 2020 and will continue in August 2020.

TTR Sites

The TTR Post-Closure Monitoring Sites include CAUs where post-closure inspections, monitoring, and maintenance are performed on the TTR. In August 2020, a site visit is planned with the DOE/LM to familiarize LM personnel with the TTR sites prior to September 2020, when long-term stewardship responsibility for the TTR sites will transfer formally to LM.

CAU 98, Frenchman Flat

NDEP provided comments on the Calendar Year 2019 Annual Closure Monitoring Report in July 2020; comment responses and revisions to the document are anticipated to be complete in August 2020.

CAU 99, Rainier Mesa/Shoshone Mountain

Groundwater sampling began in July 2020 and is anticipated to be complete in August 2020.